Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
Data File : BF093412.D
Acq On : 7 Mar 2017 11:29
Operator : SJ/MA
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
3/8/2017 1:45:20 PM

Quant Time: Mar 07 15:30:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:09:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	198197m	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	812380	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	442133	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	716931	20.00	ng		0.00
75) Chrysene-d12	13.92	240	624206	20.00	ng		0.00
86) Perylene-d12	15.33	264	533609	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	258796	22.40	ng		0.01
7) Phenol-d6	6.41	99	349417	23.51	ng		0.00
23) Nitrobenzene-d5	7.34	82	319822	21.92	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	61194	19.14	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	571277	23.41	ng		-0.01
78) Terphenyl-d14	12.86	244	568527	21.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	69353	11.11	ng		92
3) Pyridine	3.02	79	157441	9.92	ng	#	88
4) n-Nitrosodimethylamine	2.95	42	69111	9.27	ng	#	87
6) Aniline	6.42	93	239599m	11.82	ng		
8) 2-Chlorophenol	6.55	128	148371	11.64	ng		99
9) Benzaldehyde	6.31	77	130113	12.22	ng		90
10) Phenol	6.42	94	218612	12.57	ng	#	69
11) bis(2-Chloroethyl)ether	6.49	93	164628	11.86	ng		84
12) 1,3-Dichlorobenzene	6.70	146	171177m	11.47	ng		
13) 1,4-Dichlorobenzene	6.78	146	174401m	11.54	ng		
14) 1,2-Dichlorobenzene	6.93	146	160697	11.12	ng		97
15) Benzyl Alcohol	6.92	79	131440	11.94	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	278933	11.57	ng		52
17) 2-Methylphenol	7.04	107	120450	11.02	ng		93
18) Hexachloroethane	7.27	117	57840	11.21	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	123327	13.03	ng		93
20) 3+4-Methylphenols	7.20	107	166820	12.76	ng	#	73
22) Acetophenone	7.18	105	225335	12.15	ng	#	98
24) Nitrobenzene	7.35	77	178796	11.94	ng		98
25) Isophorone	7.59	82	313773	11.54	ng		95
26) 2-Nitrophenol	7.67	139	75542	10.61	ng	#	84
27) 2,4-Dimethylphenol	7.72	122	130270	10.42	ng		100
28) bis(2-Chloroethoxy)methane	7.81	93	202264	11.23	ng		99
29) 2,4-Dichlorophenol	7.92	162	124999	10.72	ng		85
30) 1,2,4-Trichlorobenzene	7.99	180	130250	10.36	ng	#	94
31) Naphthalene	8.07	128	470724	11.43	ng		98
32) Benzoic acid	7.84	122	43951	6.93	ng		94
33) 4-Chloroaniline	8.13	127	178538	11.05	ng	#	90
34) Hexachlorobutadiene	8.18	225	70956	10.26	ng		99
35) Caprolactam	8.48	113	39378	10.73	ng	#	39
36) 4-Chloro-3-methylphenol	8.62	107	137018	11.27	ng		88
37) 2-Methylnaphthalene	8.76	142	282660	10.69	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	131073	10.56	ng		99
42) 2,4,6-Trichlorophenol	9.05	196	79883	9.80	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	86341	9.66	ng		91
45) 1,1'-Biphenyl	9.22	154	368563	11.51	ng		97
46) 2-Chloronaphthalene	9.25	162	287256	11.47	ng		96
47) 2-Nitroaniline	9.35	65	92961	11.04	ng	#	74
48) Acenaphthylene	9.66	152	472047	10.91	ng		98
49) Dimethylphthalate	9.52	163	309748	10.40	ng		99
50) 2,6-Dinitrotoluene	9.59	165	66070	10.27	ng	#	41
51) Acenaphthene	9.83	154	272257	10.53	ng		96
52) 3-Nitroaniline	9.77	138	79785	10.84	ng		80
53) 2,4-Dinitrophenol	9.91	184	21693	7.55	ng	#	74
54) Dibenzofuran	10.00	168	366178	10.58	ng		97
55) 4-Nitrophenol	9.97	139	32116m	6.06	ng		
56) 2,4-Dinitrotoluene	10.01	165	83651	9.77	ng	#	75
57) Fluorene	10.34	166	318534	11.97	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	57105	9.58	ng		93
59) Diethylphthalate	10.22	149	314932	11.22	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	136754	10.69	ng		100
61) 4-Nitroaniline	10.38	138	83939	11.13	ng		89
62) Azobenzene	10.49	77	349934	12.07	ng		93
64) 4,6-Dinitro-2-methylphenol	10.42	198	37646	10.15	ng		81
65) n-Nitrosodiphenylamine	10.46	169	270633	11.82	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	80256	10.71	ng		100
67) Hexachlorobenzene	10.89	284	76677	10.36	ng	#	80
68) Atrazine	10.98	200	80323	10.93	ng		99
69) Pentachlorophenol	11.11	266	16814	5.26	ng		91
70) Phenanthrene	11.30	178	479524	11.67	ng		97
71) Anthracene	11.36	178	467286	11.33	ng		97
72) Carbazole	11.52	167	465471	11.81	ng		98
73) Di-n-butylphthalate	11.84	149	512980	12.03	ng	#	97
74) Fluoranthene	12.49	202	475719	11.23	ng		96
76) Benzidine	12.62	184	258101	9.70	ng		96
77) Pyrene	12.72	202	486433	10.41	ng		98
79) Butylbenzylphthalate	13.34	149	187132	9.86	ng	#	77
80) Benzo(a)anthracene	13.91	228	400958	10.50	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	139652	10.26	ng	#	95
82) Chrysene	13.95	228	349782	9.79	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	258939	9.98	ng	#	99
84) Di-n-octyl phthalate	14.51	149	469517	11.11	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	313104	11.31	ng	#	93
87) Benzo(b)fluoranthene	14.93	252	336816m	9.59	ng		
88) Benzo(k)fluoranthene	14.95	252	344738m	11.37	ng		
89) Benzo(a)pyrene	15.27	252	318493	10.48	ng		98
90) Dibenzo(a,h)anthracene	16.69	278	271417	11.05	ng		97
91) Benzo(g,h,i)perylene	17.10	276	268308	10.82	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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